

SOLID WASTE FACILITY PERMIT

1. Facility/Permit Number:

43-AA-0015

2. Name and Street Address of Facility:
Z-Best Composting Facility
980 State Hwy 25
Gilroy, CA 95020

3. Name and Mailing Address of Operator:
Zanker Road Resource Management, Ltd.
1500 Berger Drive
San Jose, CA 95112

4. Name and Mailing Address of Owner:
Zanker Road Resource Management, Ltd.
1500 Berger Drive
San Jose, CA 95112

5. Specifications:

- a. Permitted Operations:
- | | |
|--|--|
| <input checked="" type="checkbox"/> Composting Facility (mixed wastes) | <input checked="" type="checkbox"/> Processing Facility* |
| <input type="checkbox"/> Composting Facility (yard waste) | <input type="checkbox"/> Transfer Station |
| <input type="checkbox"/> Landfill Disposal Site | <input type="checkbox"/> Transformation Facility |
| <input type="checkbox"/> Material Recovery Facility | <input type="checkbox"/> Other: |

b. Permitted Hours of Operation: 6:00 a.m. to 6:00 p.m. – 7 day/week; 6 a.m. to 10:00 p.m. within processing building; 6:00 p.m. to 6:00 a.m. to receive feedstock when load check employee is available, or to screen and turn during specified contingencies.

c. Permitted Tons per Operating Day: **Average : 1,500 Tons/Day**

Inert material and composite roofing material*
Dry wall and other additives
Municipal Solid Waste - *Processing Facility only
Green material and agricultural commodities
Peak totals not more than 15 days/year

peak 300 Tons/Day
peak 200 Tons/Day
*** peak 700 Tons/Day**
peak 1300 Tons/Day
2,500 Tons/Day

*Inerts expire upon completion of all-weather pad – see LEA condition #10

d. Permitted Traffic Volume (includes both inbound and outbound trips):
Peak Traffic Volume (includes both inbound and outbound trips):
Incoming Compost Materials (one way subset)
Outgoing Compost (one way subset)

Total: 356 Vehicles/Day- Average
Total: 448 Vehicles/Day- Peak
132 Vehicles/Day
21 Vehicles/Day

e. Key Design Parameters (Detailed parameters are shown on site plans bearing LEA and CIWMB validations):

	Total		Transfer	MRF	Composting	Transformation
Permitted Area (in acres)	77 a	a	----- a	----- a	77 a	----- a
Design Capacity (includes active and curing compost, feedstock, additives and ground material)		500,000 cy	----- tpd	----- tpd	1500 tpd	----- tpd
Average Annual Loading		450,000 tpy				

The permit is granted solely to the operator named above, and is not transferable. Upon a change of operator, the permit is subject to revocation or suspension. The attached permit findings and conditions are integral parts of this permit and supersede the conditions of any previous issued solid waste facility permits.

6. Approval:

Approving Officer Signature

Phil Smith, Acting Director, Department of Environmental Health
Name/Title

7. Enforcement Agency Name and Address:

Santa Clara County, Department of Environmental Health
1555 Berger Dr., Room 300
San Jose, CA 95112

8. Received by CIWMB:

DEC 07 2010

9. CIWMB Concurrence Date:

10. Permit Issued Date:

11A. Permit Review Date:

11. B Permit Transfer Date

11C. Next Permit Review Date:

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43-AA-0015**12. Legal Description of Facility (attach map with RFI):**

Santa Clara County Assessor's Parcel Numbers 841-37-028 (20 acres) and 029 (the part of 029 includes 57 acres adjacent to parcel 028, and is bordered to the east by an irrigation drainage ditch that runs north-south.)

13. Findings:

- a. This permit is consistent with standards adopted by the California Integrated Waste Management Board (CIWMB). Public Resources Code (PRC), Section 44010.
- b. The design and operation of the facility is in compliance with the State Minimum Standards for composting facilities. Regulatory Requirements are found in Title 14, Div 7, Chapter 3.1 (commencing with Section 17850) of the California Code of Regulations.
- c. An Environmental Review Document – Mitigated Negative Declaration (MND) – has been filed with the State Clearing House (#99072048). The Report of Compost Site Information (RCSI) is incorporated via reference into the MND. The Initial Study/MND circulated Sept. 7, 2006, the RCSI Amendment No. 3 – dated March 6, 2006 and the Addendum No. 1 to the 1999 Adopted MND for Z-Best Composting Facility dated Jan. 17, 2003 as a whole comprise the CEQA project description and support for the proposed project/facility.
- d. This facility is identified in the County of Santa Clara Countywide Nondisposal Facility Element – pg. 24, and is in compliance with the requirements of PRC Section 50001.
- e. This site is operating under the existing approved Full Composting Permit, issued November 23, 1999 (SWIS #43-AA-0015).
- f. The last 5-Year Review Report was completed on 8/31/2010 and required a permit revision application and an updated RCSI.

14. Prohibitions:

The permittee is prohibited from accepting any liquid waste sludge, non-hazardous waste requiring special handling, designated waste, or hazardous waste unless such waste is specifically listed below, and unless the acceptance of such waste is authorized by all applicable permits.

The permittee is additionally prohibited from the following items:

- Any material that is not specifically described in the RCSI.
- Any approved material which cannot be processed within the time limits.

15. The following documents also describe and/or restrict the operation of this facility:

	Date		Date
<input checked="" type="checkbox"/> Report of Compost Site Information	<u>10/11/99</u>	<input type="checkbox"/> Contract Agreements - operator and contract	<u>N/A</u>
<input checked="" type="checkbox"/> Land Use Permits and Conditional Use Permits #6489-81-98P	<u>08/20/99</u>	<input checked="" type="checkbox"/> Waste Discharge Requirements	<u>3/6/06</u>
<input checked="" type="checkbox"/> Air Pollution Permits and Variances	<u>annual</u>	<input type="checkbox"/> Local & County Ordinances	<u>N/A</u>
<input checked="" type="checkbox"/> EIR or Negative Declaration SCH#99072048	<u>08/05/99</u>	<input type="checkbox"/> Final Closure & Post Closure Maintenance Plan	<u>N/A</u>
<input type="checkbox"/> Lease Agreements - owner and operator	<u>N/A</u>	<input checked="" type="checkbox"/> Amendments to RCSI	<u>10/22/10</u>
<input type="checkbox"/> Preliminary Closure/Post Closure Plan	<u>N/A</u>	<input checked="" type="checkbox"/> Other (list): <u>County of Santa Clara Architectural and Site Approval Conditions</u>	<u>09/27/99</u>
<input type="checkbox"/> Closure Financial Responsibility Document	<u>N/A</u>		

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43-AA-0015**16. Self Monitoring:****a. Results of all self-monitoring programs as described in the Report of Facility Information, will be reported as follows:**

Program	Reporting Frequency	Agency Reported To
Tonnage, by type of material – include: manure, clean green, MSW/food waste, inert fill material, green material, animal material, soil for blending and gypsum wallboard.	Monthly	LEA
Special Occurrences	By occurrence or monthly if none occur	LEA
CTI composting processes/project schedules	Monthly	LEA
Site compost volume estimates in cubic yards	Quarterly	LEA
Pathogen and metals sampling results	Prior to public distribution	LEA
Random load checking	Weekly	LEA
Complaints	By occurrence or monthly if none occur	LEA
Airborne emissions and fuel consumption	Annually	BAAQMD
Storm water run-off	Annually	RWQCB

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17. LEA Conditions:

Specifications:

1. The operator shall notify the LEA during the planning stages, in writing, of any proposed changes in the facility operations or design. The operator shall not undertake any changes unless the operator first submits to the LEA a notice of these proposed changes at least 60 days before said changes are proposed to begin. Any significant change as determined by the LEA may require a revision of this permit prior to implementing changes.
2. This permit supercedes the previous SWFP, dated September 15, 1997, for this site.
3. The site shall be operated in compliance with all Federal, State and Local laws and regulations.
4. The operations shall conform to the Report of Compost Site Information and future approved revisions, notwithstanding the conditions and reporting requirements of this permit.
5. Site shall operate in a manner as to not become a public nuisance.

Provisions:

6. The site manager shall maintain a log of special or unusual occurrences. This log shall include, but not be limited to: fires, explosions, flooding, earth movement, discharges of hazardous liquids (including leachate) or gases to the ground or atmosphere, significant injuries, accidents or property damage, vehicle/equipment related accidents, complaints, and disposition of material exceeding established limits. It shall also include for each incident entered a summary of any actions taken by the operator to mitigate the occurrence. The operator shall maintain this log at the facility so as to be available at all times to site personnel and to the Enforcement Agencies' personnel. Entries made in this log must be reported to the LEA within 48 hours.
7. The operator shall maintain, at the facility, accurate daily records including the weight and type of all incoming materials, and including the number of vehicles entering the site. These records shall be available to LEA personnel and shall be maintained on site for a period of two years.
8. Composting records shall be maintained on-site for at least two years.
9. The operator shall maintain on site an Injury and Illness Prevention Program that is compliant with CAL OSHA. Personnel safety training records shall be maintained.
10. Upon completion of the all-weather pads (OMU's), importing of approved inert material shall not exceed 50 tons per day, as needed for site maintenance or soil for topsoil blending.

Enclosed aerated static pile composting (in-vessel composting)

11. Composting MSW or animal material must remain in-vessel for no less than 14 weeks after completion of bag filling, unless otherwise approved by the LEA.
12. The composting bags shall be properly sealed and maintained to prevent leakage of condensate or leachate to the outside of the bag. If liquid leakage becomes a chronic problem, by contaminating the ground or all weather pads, impermeable concrete pads or other control measures will be required prior to starting any further in-vessel windrows.

Compressed windrows:

13. Prior to starting any compressed windrows after termination of the demonstration project, the operator shall provide a report summarizing composting criteria and measures necessary to correct any hazard or nuisance conditions that occur during the demonstration project. Approval in writing shall be obtained from the LEA for any additional use of this technology following the demonstration project.